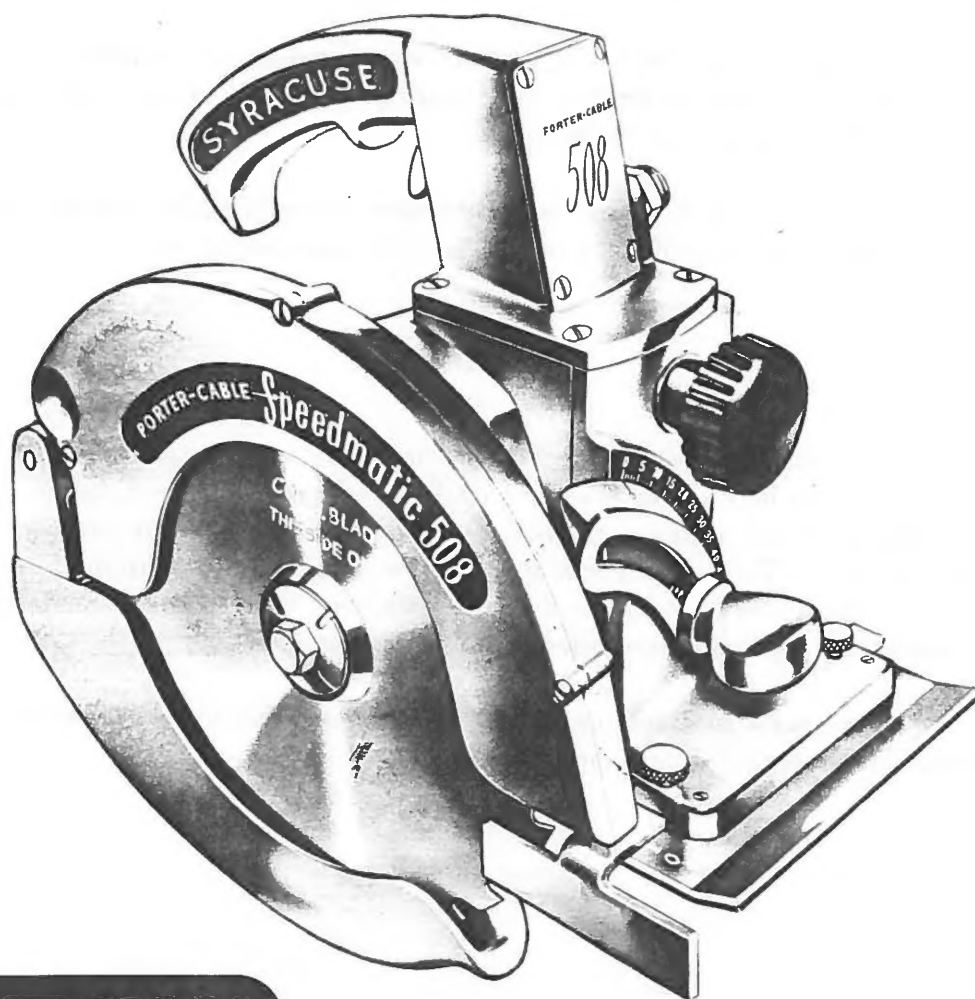


# Operating and Service Manual

## PORTER-CABLE PORTABLE ELECTRIC SAWS



**Porter-Cable**

*Quality Electric Tools*

PORTER-CABLE MACHINE COMPANY

SYRACUSE 8, NEW YORK, U.S.A.

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# Porter-Cable

*Quality Electric Tools*

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Your new Speedmatic Saw is one of the finest products that modern engineering, design, research and precision manufacturing can produce. It is built to give you maximum utility and long life. Give it the care you would any fine mechanical equipment and it will serve you faithfully.

Speedmatic Products are built to high standards of accuracy and quality that have made Porter-Cable famous for over forty years as producers of fine machines in professional trades all over the world.

Porter-Cable stands back of Speedmatic Products unconditionally, and maintains a policy that all of its products must give service as represented.

## GUARANTEE

This machine has been carefully tested and inspected at the Factory and is guaranteed to be free from any defect in material or workmanship. The Company will, under this guarantee, repair or replace any parts which prove, upon examination, to be defective. The complete machine must be returned prepaid to the Factory, a Factory Branch or an Authorized Service Station. Repairs made by other than the Authorized Agencies automatically void this guarantee.

Each machine has a guarantee card packed with it, and this should be returned to Syracuse in order to complete the guarantee.

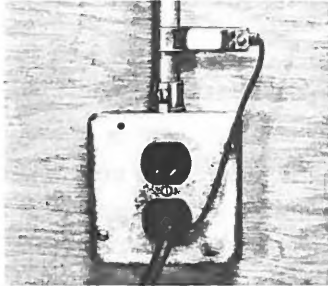
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# GENERAL OPERATING INSTRUCTIONS

**STANDARD EQUIPMENT** - Metal carrying case\*, 1 combination blade, rip gauge\*, 1 set of arbor wrenches, tube of grease, 10-foot 3-wire rubber covered cord and plug. One double end retaining wrench included with Models 507 or 508 instead of arbor wrenches.

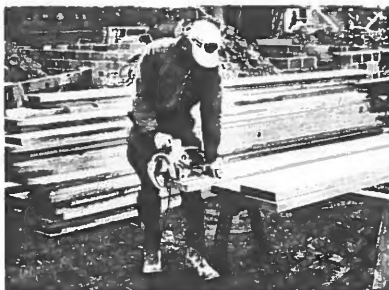
\*Optional with Models 507 and 508.



**GROUNDING** - Your SPEEDMATIC Saw is equipped with a 3-wire cord. The third, or green wire, is a ground wire equipped with a pin jack. Holding the insulated jack in one hand, grasp the thread on the pin with the other hand and remove the pin by pulling out. Thread the pin into one of the screw holes in the outlet box. Slip the jack onto the pin and insert the two-prong plug into the outlet. This will prevent any electric shock to the operator in the event that a short circuit should develop in the saw or in the power system on which it is used. Each saw, before shipment, is ground tested on 1000 volts, which shows up any weak insulation or ground. However, if a ground should develop; (1) clean saw and all air passages, (2) check wiring for bare wires or loose connections, and (3) if the ground is not located, send the machine to your nearest Porter-Cable Factory Service Branch or Authorized Service Station for inspection. (See list on page 36).

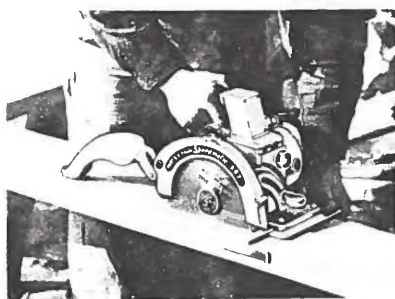
**POWER SUPPLY** - Your SPEEDMATIC Saw will operate on an AC-DC, 25 to 60 cycle circuit of the same voltage as that stamped on the nameplate of the machine. Connect cord to floor outlet or extension direct to switch box. **DO NOT CONNECT CORD TO FIXTURE SOCKETS** because these are generally wired with No. 18 wire which is too small to carry the current drawn by the saw without overheating and eventual breakdown of the insulation. If it is necessary to use an extension cord, we recommend that the wire size be not less than No. 14 for 50 ft., and No. 12 for 100 ft. The use of wires smaller than the above sizes will reduce the cutting power of the saw. If the available power source should be other than a single phase system and/or the voltage differs from that on the nameplate of the saw, changes can be made in line connections. If in doubt as to the current available, or if changes in the current are known to be necessary, contact your local power company or a qualified electrician.

**CUTTING** is easier with a SPEEDMATIC than with any other portable saw. Be sure the work is well supported and held, then place the tip of the large base on the piece. Pull the trigger switch and allow the saw blade to reach full speed before starting the cut. Follow your pencil mark with the beveled edge of the base. To avoid binding or jamming of the saw blade when cross-cutting near the center of the piece, pull back on the board to keep the cut open. When the cut is finished, release the trigger and set the saw down. The positive-action tension spring assures the swing guard returning to cover the blade. This permits setting the saw down immediately without waiting for the blade to stop.



Squaring off ends of planking. Cross-cut Gauge eliminates need to pencil mark each piece.

**CROSS-CUTTING** with the SPEEDMATIC cross-cut guide assures a straight, square cut. It proves invaluable for such operations as cutting studding to length. A flush fit with top and bottom plates can be depended upon. Use it to cut shelving, cabinet stock, and for accurate dadoing. Obtain this handy accessory from your local Porter-Cable dealer and keep it in your saw carrying case for use whenever the job calls for accurate cross-cutting.



Making a long rip cut, using the rip guide. The saw runs along smoothly, giving a straight, even cut.



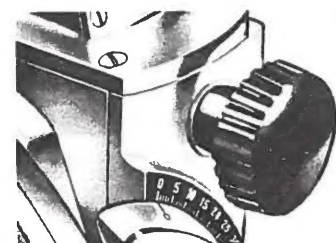
This carpenter has adjusted his depth so that blade both cuts top piece and marks bottom piece for the next cut.



Builder shown here has ingeniously adapted a Speedmatic to cut an extreme angle. By attaching base to beveled piece of lumber, he increased angle of cut almost 15°.



Durable, attractive carrying case protects your saw when not in use.



A close-up of easy-to-use depth adjustment knob. Non-slip edge provides sure grip.

**FOR RIPPING** use the adjustable rip guide which is standard equipment with your SPEEDMATIC Saw. Set the guide to desired width. Guide the saw, keeping gauge fairly tight against the edge of the board. This will give you a straight, fast cut and will avoid cramping of the saw blade. When cross-cutting or ripping very wide sheets such as plywood or masonite, a strip may be tacked down for the edge of the saw base to guide against.

**LUBRICATION** - Use Porter-Cable Special Grease, Part Number 26-YX. Fill grease cup in gear housing once a week if saw is in continuous use. Remove pipe plug and grease the bearing on commutator end of armature once a month. This lubricates all the ball bearings and gears. Too much grease will make bearings run hot and will force grease through bearing seals onto the commutator. A drop of oil should occasionally be added to the depth slide and screw, and to the swing guard hinge pin.

**CLEANING OR REPAIRING** - Motor compartment should be blown out with compressed air once a week, or daily if machine is used under extremely dusty conditions. Inspect motor brushes frequently to see that they slide freely in the brush holders and are not worn too short for proper contact with commutator. Replace brushes when they are worn to 1/4" in length.

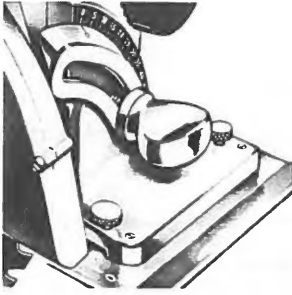
If it is necessary to remove the jackshaft assembly on the BK-10 or BK-12, remove the front guard, saw blade and screws in the gear housing cover. Then place a 3/4" thick wood block on either side of the gear housing cover, place saw blade and nut on the jackshaft. By holding the shaft with the hex wrench and turning the nut with the open-end wrench the assembly can be easily removed. Do not attempt to pry the housings apart with screw drivers as they will damage the machined surfaces and cramp the parts.

Should any extensive repairs be necessary, we recommend you send the machine to your nearest Porter-Cable Authorized Service Station. (List on page 12.) Periodic inspection by an authorized service station will reduce the cost of maintenance and keep your machine in first-class working condition.

## Operating Instructions for Models 507 & 508

**TO ADJUST FOR DEPTH OF CUT** - Loosen large knob on depth adjusting slide and raise or lower slide until blade is exposed the desired distance below the base plate. It is better to adjust the depth of cut so the blade just cuts through the work. This depth adjustment grips positively and holds its position accurately. Adjustment is easy and quick.





Closeup of angle adjustment. Angle segment is accurately calibrated from 0° to 45°.

**TO ADJUST FOR BEVELS** - Slightly loosen large knob on front of motor: then swing body of saw until desired angle is obtained and lock it by tightening the knob. The angle segment is graduated at least every five degrees, always allowing rapid setting and duplicating of angles.

**TO ADJUST FOR SWING GUARD** - The swing guard protects the blade at every angle and should have just enough spring tension to hold it up in position. If tension is not sufficient, it can be tightened by removing the cotter pin and turning the knurled hinge pin until

the proper tension is obtained. If tightened too much, it will make the guard stiff and sawing awkward.

As the rubber bumper on the swing guard wears, the guard may strike the gear housing. To keep the guard from striking the gear housing, it may be adjusted by inserting the Allen wrench through the opening directly in back of the bumper and turning the screw clockwise until the bumper holds the guard well away from the gear housing. Keep the swing guard on your saw and prevent accidents.

**TO CHANGE SAW BLADES** - Press the saw blade teeth against a piece of wood and loosen the Saw Retaining Screw Assembly by turning to the left (counter-clockwise) with the box-type wrench furnished with the machine. Remove screw and lift off the saw blade retaining washer and saw blade.

When replacing the saw blade, clean outer side of saw retaining washer and jackshaft flange. Before installing the blade, apply a light film of bearing grease to the face of the flange on the jackshaft and to the side of the bronze retaining washer that contacts the blade. Next fit the blade over the jackshaft arbor, making sure points of teeth face upward at the front of the machine. Replace the saw blade retaining washer, insert the saw blade retaining screw assembly in the jackshaft and tighten with wrench.

The Kick-Proof Clutch works best with the Saw Retaining Screw Spring tension adjusted to "belly-out." When thicker than average blades are used, it is possible to tighten the saw retaining screw to the point where the spring is flattened. To prevent this, use one of the enclosed washers, placed upon the saw retaining screw. The size of the washer selected will be dependent upon the thickness of the blade or abrasive disc to be used.

## Operating Instructions for Models BK-10 & BK-12

**TO ADJUST FOR DEPTH** - Place saw on its side and turn thumb screw adjustment until the blade is exposed for desired distance below base plate. This adjustment is self-locking and is very easy to secure exact depth. This is an exclusive feature of the Speedmatic Saw.

**TO ADJUST FOR BEVELS** - Loosen slightly large knob on front of motor; then swing body of saw until the desired angle is obtained and lock it by tightening the knob. The angle is graduated at least every five degrees. This graduation always allows rapid setting and duplicating of angles.

**TO ADJUST SWING GUARD** - The Swing Guard protects the blade at every angle and should have just enough spring tension to hold it up in position. If tension is not sufficient it can be tightened by loosening the knurled hinge pin and turning it until the proper tension is obtained. If tightened too much it will make the guard stiff and sawing awkward.

**TO CHANGE SAW BLADES** - First remove three screws in upper guard, pull back swing guard and let saw teeth dig into wood, then with wrench furnished give nut a quick turn. When replacing saw blade, clean saw retaining washer and jackshaft flange. For removing abrasive blade use Hexagon or square wrench furnished to hold jackshaft from turning when loosening nut.

# PARTS LIST

## PORTER-CABLE SAW

### Model 507

Part No.	Pcs. Reqd.	Part	Part No.	Pcs. Reqd.	Part
1-K75	1	Housing - Motor	81188-X	4	Screw - Nameplate Retaining
2-K75	1	Housing - Gear	1190-X	4	Screw - Handle Front Cover Retaining
3-K75	1	Cover - Gear Housing	1191-XA	1	Washer - Jackshaft Bearing Spacer
5-K75	1	Segment - Angle Adjusting	1246-X	1	Plug - Cord
11A-K75	1	Base - Saw	1287-X	5	Terminal - Solderless
24-K75	1	Gib	1526-X	1	Screw - Segment 45° Angle Adjusting Set
28-K75	2	Holder - Brush	1607-X	3	Screw - Gib Adjusting
29-K75	2	Cap - Brush	1614-X	1	Screw - Ground Wire
30-K75	2	Brush and Spring	1739-X	1	Washer - Ground Wire Screw Lock
65-K75		Guide - Cross Cut	1814-X	1	Pin - Swing Guard Control Spring Anchor
80-K75	1	Bearing - Inner Jackshaft Ball	1858-X	1	Clip - Ground
81-K75	1	Bearing - Outer Jackshaft Ball	1903-X	4	Rivet - Instruction Plate Retaining (Use 1959-X)
82-K75	1	Bearing - Armature Commutator End Ball	1931-X	1	Wrench - Saw Retaining Screw
83-K75	1	Bearing - Armature Gear End Ball	1959-X	4	Rivet - Instruction Plate Retaining
90-K75	1	Jackshaft			ASSEMBLIES
91-K75	1	Washer - Saw Retaining	37Y-A6	1	Saw Retaining Screw Assembly (Use 38Y-A6)
133-K75	1	Slide - Depth Adjusting	15Y-A8	1	Swing Guard Bumper
136-K75	1	Knob - Depth Adjusting Lock (Use 48-A6)	5AY-K75	1	Swing Guard Hinge Pin Assembly
137-K75	1	Cover - Handle Front	19Y-K75	1	Depth Adjusting Lock Plate and Stud Assembly
139-K75	1	Nameplate	21Y-K75	1	Saw Handle
140-K75	1	Spring - Stabilizer	22Y-K75	1	Front Guard
141-K75	1	Guard - Swing	26-YX		Grease
48-A6	1	Knob - Depth Adjusting Lock	38Y-A6	1	Saw Retaining Screw Assembly
14-K8	1	Spring - Swing Guard Control			INCLUDED IN SAW KIT
34-K8	1	Plate - Instruction	10-K89	1	Case - Carrying
19-K9	1	Nut - Jackshaft Bearing Retaining	20-K9	1	Guide - Rip
27-K66	1	Switch			SAW BLADES
12-K88	1	Knob - Angle Adjusting	8 30-K46		5" Blade for Masonite and Plywood
21-K88	1	Stud - Angle Adjusting Knob	33-K75	1	Combination Blade
22-K88	2	Pin - Base Dowel	34-K75		Rip Blade
23-K88	1	Insulator - Switch	8 35-K75		Planer Blade
4-K89	1	Baffle - Air	8 39-K75		7½" Blade for Masonite and Plywood
5-K89	1	Armature - 115 V	8 70-K75		Hi-Speed Inserted Tooth Blade
8 5A-K89		Armature - 230 V	81749-X		Steel Bits for Inserted Tooth Blade
* 6-K89	1	Pinion	81750-X		Shanks for Inserted Tooth Blade
* 7-K89	1	Gear - Jackshaft	8 122-K75		All-Purpose Blade
8 11-K89	1	Field - 115 V	8 124-K75		Carbide-Tipped Blade
11A-K89		Field - 230 V	143-K75		Abrasive Blade for Stone and Plastic
22-K89	1	Stop - Depth Adjusting Slide	144-K75		Abrasive Blade for Iron & Steel
170-X	1	Pin - Swing Guard Adjusting	145-K75		Abrasive Blade for Compositions and Non-Ferrous Metals
192-X	4	Washer - Gear Housing Cover Screw Lock			FOR AREAS REQUIRING 3-PRONG PLUGS (Other Than Canada)
238-X		Wrench - Bumper Adjusting	8 29Y-BB10		3-Wire Cord with 3-Prong Plug
293-X	3	Nut - Gib Screw Lock	8 323-X		Adapter - 3 to 2 Prong with 6" Ground Lead
305-X	4	Screw - Saw Base and Segment Retaining	1858-X		Clip - Ground (For Use on Ground Lead of 323-X)
306-X	3	Screw - Saw Handle Retaining			SPECIAL GUARDS FOR USE IN D.C. ONLY
385-X	2	Washer - Brush Holder	8 60-K75		Screw - Auxiliary Guard Adjusting
392-X	1	Cup - Gear housing Grease	8 61-K75		Guard - Auxiliary
405-X	1	Screw - Depth Slide Stop Retaining	81662-X		Washer - Auxiliary Guard Adjusting Screw
406-X	2	Screw - Rip Guide Lock	8 15Y-K75		Safety Swing Guard Assembly
424-XA	1	Key - Jackshaft Gear	8 16Y-K75		Base Assembly
439-XA	4	Screw - Field and Brush Holder Lock	8 17Y-K75		Base and Segment Assembly
621-X	1	Screw - Saw Handle Right Rear			
8 629-X	2	Screw - Field Side Lock			
630-X	1	Washer - Ground Wire Screw Lock (Use 1739-X)			
673-X	1	Reliever - Cord Strain			
673-XA	1	Sleeve - Cord Strain Reliever			
758-X	1	Washer - Depth Adjusting Slide Lock Knob			
830-X	2	Screw - Switch Retaining			
922-X	1	Plug - Armature Commutator End Bearing Grease			
989-X	3	Screw - Front Guard Retaining			
1100-X	1	Nut - Armature Pinion Retaining			
1142-X	4	Screw - Gear Housing Retaining			
1143-X	4	Screw - Gear Housing Cover Retaining			
1144-X	1	Cord - 10 Ft., 3-Wire with Plug			

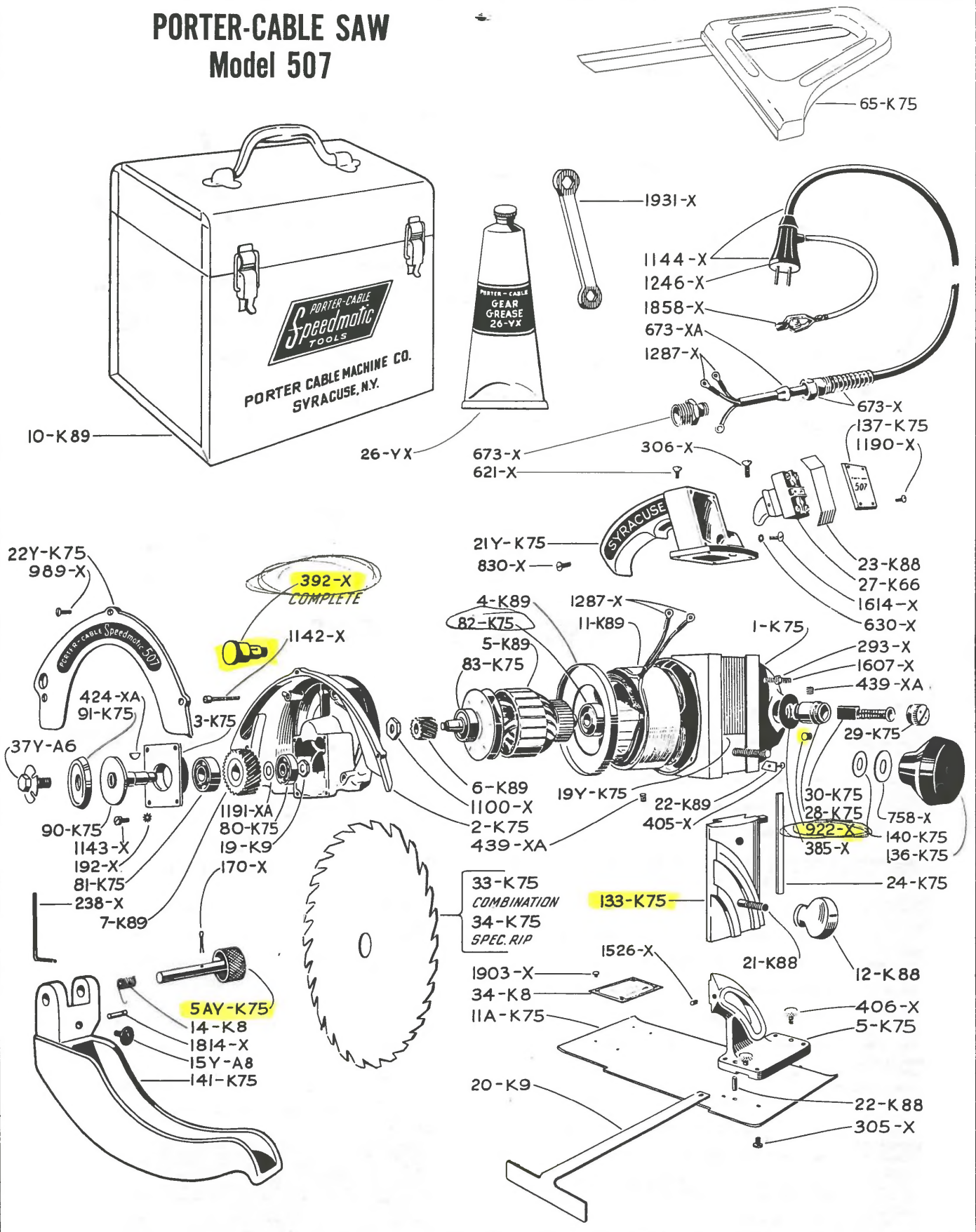
8 Not shown in diagram.

\* Pinion and Jackshaft Gears are Matched and Sold in Sets Only.

When ordering parts be sure to specify the SERIAL NUMBER OR SERIES LETTER as well as the TYPE of your machine, as shown on the name plate.

We cannot guarantee repairs made outside of our plant, or Electrical Parts unless installed by us or one of our authorized service stations. Periodic inspections by one of our authorized service stations will prolong the life of your machine and reduce the cost of maintenance.

# PORTER-CABLE SAW Model 507



Look for the service station in your city in the classified section of the telephone directory.



## SERVICE STATIONS

**ARKANSAS**  
Little Rock - Wooley Electric Co., 707 Center St.

**CALIFORNIA**  
\*Los Angeles 15 - Porter-Cable Machine Co., 1826 So. Hope St.  
\*San Francisco - Porter-Cable Machine Co. Factory Branch, 744 Harrison St.

**COLORADO**  
Denver 4 - Schlosser Equipment Co., 1150 Speer Blvd.

**CONNECTICUT**  
New Haven 11 - New Haven Elect. Machine Co., 697 Congress Ave.

**DISTRICT OF COLUMBIA**  
Matson & Coale, Inc., 1021 9th St. N.W.

**FLORIDA**  
Jacksonville - Turner Elect. Wks., 1020 E. 8th St., P.O. Box 4247  
Miami - Peninsular Armature Works, Inc., 151 N. West 24th St., P.O. Box 113  
Tampa 4 - Patrick Electrol Service, 1509 W. Hillsboro

**GEORGIA**  
\*Atlanta 3 - Porter-Cable Machine Co., Factory Branch, 83 Mills St. N.W.

**ILLINOIS**  
\*Chicago 10 - Porter-Cable Mach. Co. Factory Branch, 356 W. Huron St.

**INDIANA**  
Indianapolis - H. W. Klingstein, 612 N. Delaware St.

**IOWA**  
Des Moines - Witeland's Service, 909 6th Ave.

**KENTUCKY**  
Louisville 12 - Bailey Machine & Supply Co., 3001 W. Main St.

**LOUISIANA**  
New Orleans - New Orleans Armature Works, 2311 Tchoupitoulas St.

**MARYLAND**  
Baltimore 1 - Matson & Coale, Inc. 511 Park Ave.

**MASSACHUSETTS**  
Newton Upper Falls (Boston) - W. J. Connell Co., 210 Needham St.

**MICHIGAN**  
\*Detroit - Porter-Cable Mach. Co. Factory Branch, 17217 Wyoming Ave.

**MINNESOTA**  
Minneapolis 1 - Hurd Electric Co., 2516 Lyndale Ave. So.

**MISSOURI**  
Kansas City 8 - Kornfeld Thorp Elec. Co., 2700 McGee Trafficway  
St. Louis - Standard Elec. Co., 3880 Washington Blvd.

**MONTANA**  
Livingston - J. Manzari, Box 652

**NEW JERSEY**  
Newark - I. R. Nelson, 7 Bond Street

\*Denote Factory & Service Branch

**NEW YORK**  
Binghamton - H. P. Marsh Co., 65 Glenwood at Lake Aves.  
Buffalo 14 - Alfred C. Kellmar, 364 Dewey Ave.  
\*New York 12 - Porter-Cable Mach. Co. Factory Branch, 101 Crosby St.  
Schenectady - Barrett Elec. Service, Inc., 108 - 116 Henry St.  
\*Syracuse 8 - Porter-Cable Machine Co., 1714 N. Salina St.  
Utica - Reynolds Service, 804-812 Varick St.

**OHIO**  
Cincinnati - Matlock Electric Co., 1456 Harrison St.  
Cleveland 3 - C. Stewart Co., 4033 St. Clair Ave.  
Columbus - B. R. Shoemaker, 1201 Christopher St.

**OKLAHOMA**  
Oklahoma City 6 - R. M. Rice, 1218 N. Western Ave.

**OREGON**  
Portland 9 - Cyrus Electric Tool Co., 326 N. W. 6th

**PENNSYLVANIA**  
Philadelphia 30 - K. O. Dittmars, 1819 Fairmount Ave.  
Pittsburgh - Snyder Electric Co., 1919 Chateau St.

**TENNESSEE**  
Memphis - Tri-State Armature & Elec. Co., 321 E. Butler

**TEXAS**  
\*Dallas - Porter-Cable Mach. Co. Factory Branch, 1712-14 S. Akard St.  
El Paso - Francis Wagner Co., 1225 Texas St.  
Houston 3 - Welders Supply Co., 3301 Polk at Sampson  
San Antonio - Electric Motors, Service and Sales, 900 E. Commerce St.

**UTAH**  
Salt Lake City - Elec. Motor & Supply Co., 351 W. Fourth Street

**VIRGINIA**  
Richmond 19 - J. P. Long, Jr., 13th at Cary, Shockoe Slip Warehouse

**WASHINGTON**  
Seattle 22 - Stoner & Trace, 1524 12th Ave.  
Spokane - K. & N. Electric Motors, Inc. 1311 N. Washington St.

**WISCONSIN**  
Milwaukee - Industrial Electric Motor Service, 1316 N. 12th Lane

**CANADA**  
Calgary, Alta. - Electric Crafts Ltd., 106 6th Ave., W.  
Edmonton, Alta. - Bennett & Emmott Ltd., 9639 101A Ave.  
Halifax, N.S. - Acme Elect. & Mach. Shop, 93 Bilby St.  
London, Ont. - Strongridge Co. Ltd., 124 Weston St.  
Montreal, Quebec - Perco Ltd., 5272 St. Lawrence Blvd.  
North Hamilton, Ont. - W. Orlick Ltd., 73 Ferguson Ave.  
St. John, N.B. - E. S. Stephenson & Co.  
Toronto, Ont. - Electric Repair & Motor Co., 81 St. Patrick St.  
Toronto, Ont. - Strongridge Co. Ltd. (Service Br.), 2696 Dundas St. W.  
Vancouver, B.C. - Armature Electric Service, 1055 Seymour  
Winnipeg, Man. - Luke's Electric Motor & Mach. Co., 324 Notre Dame St.



# Other PORTER-CABLE TOOLS

## you should know about...

### STANDARD DUTY DRILL



Model 107. Equipped with gear-type chuck, powered by Universal motor. Capacity in steel— $\frac{1}{4}$ ". Capacity in wood— $\frac{1}{2}$ ". Model 109  $\frac{1}{2}$ " Drill also available.

### 3" BELT SANDER



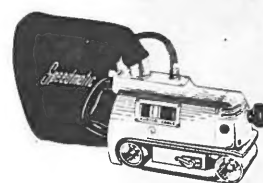
Model A-3. Belt size: 3" x 24". Belt speed: 1600 SFPM. Size overall:  $5\frac{1}{8}$ " x 16" x  $7\frac{3}{4}$ ". Net weight: 14 lbs.

### DUSTLESS 3" BELT SANDER



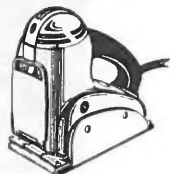
Model 503. Belt size: 3" x 24". Belt speed: 1120 SFPM. Size overall:  $5\frac{1}{2}$ " x  $16\frac{3}{4}$ " x 8". Net weight: 22 lbs.

### DUSTLESS 4" BELT SANDER



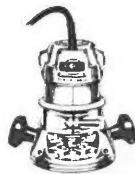
Model 500. Belt size: 4" x 27". Belt speed: 1140 SFPM. Size overall:  $5\frac{5}{8}$ " x  $18\frac{1}{8}$ " x  $8\frac{3}{8}$ ". Net weight: 25 lbs.

### FINISHING SANDER



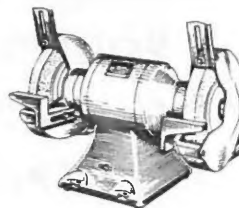
Model 509. Orbital motion gives velvet - smooth surface. Non-stalling motor. Pad speed: 5500 RPM ( $\frac{3}{16}$ " dia. orbit). Abrasive size:  $3\frac{2}{3}$ " x 9" (takes  $\frac{1}{3}$  of standard abrasive sheet). Size overall:  $7\frac{1}{4}$ " x 8" x  $4\frac{3}{4}$ ". Net weight: 8 lbs.

### BUILDER'S ROUTER



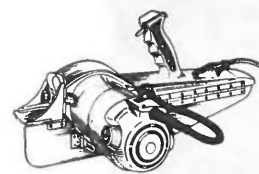
Model 511. New threadless cam lock with calibrated dial depth adjustment. Motor interchangeable with plane, shaper or lock mortiser. Speed 22,000 RPM. Collet  $\frac{1}{4}$ ",  $\frac{1}{2}$ " capacity. Overall size:  $8\frac{3}{4}$ " x  $9\frac{3}{8}$ " x  $5\frac{3}{4}$ ". Net weight:  $8\frac{3}{4}$  lbs.

### BENCH GRINDER



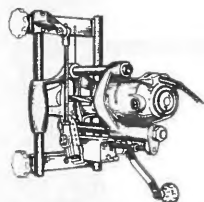
Model 518. Wheel size: 8" dia. x 1" face by  $\frac{5}{8}$ " bore. Motor: 115 volt, 60 cycle, single phase,  $\frac{1}{2}$  hp. Speed, no load: 3450 rpm. 6", 7" and 10" models also available.

### ELECTRIC PLANE



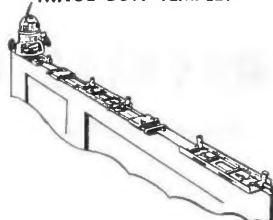
Model 512. Uses interchangeable motor. Width of cut:  $2\frac{1}{16}$ ". Depth of cut:  $\frac{3}{32}$ " (adjustable while plane is in use). Net weight: 21 lbs. Reversible and renewable double-edged steel blades.

### LOCK MORTISER



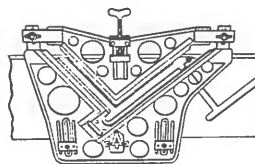
Model 513. Uses interchangeable motor. Absolutely accurate. No shims required. Length and depth of cut adjustable. Overall size:  $16\frac{1}{2}$ " x  $16\frac{3}{4}$ " x  $12\frac{1}{4}$ ". Net weight: 26 lbs.

### HINGE BUTT TEMPLET



Adjustable to any door or jam up to 8 ft. high. Comes in 3 sections; middle section automatically self centering. No slipping. Each gauge is locked in place when set.

### STAIR TEMPLET



Model UST. For cutting stair stringers. Only two major parts—top and bottom halves. Completely adjustable, held securely by 2 bolts. Size overall: 26" x 20" x 1". Net weight: 50 lbs.

### AIR DRIVEN SANDER



Model 1512. Operates efficiently at 60 lbs. air pressure,  $6\frac{1}{2}$ - $7\frac{1}{2}$  cu. ft. of air per minute. Reciprocating motion, 3000 ( $\frac{5}{8}$ ") strokes per minute. Pad size:  $3\frac{3}{4}$ " x  $7\frac{1}{8}$ ". Size overall:  $5\frac{1}{2}$ " x  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ ". Net weight: 12 lbs.

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